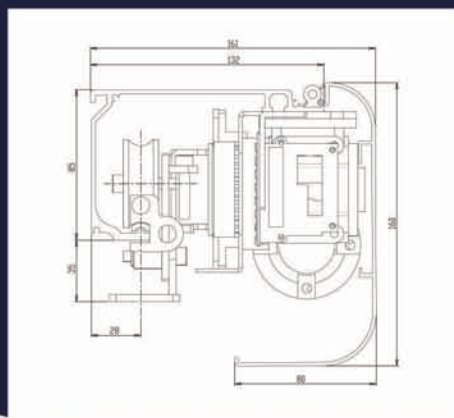


SD190



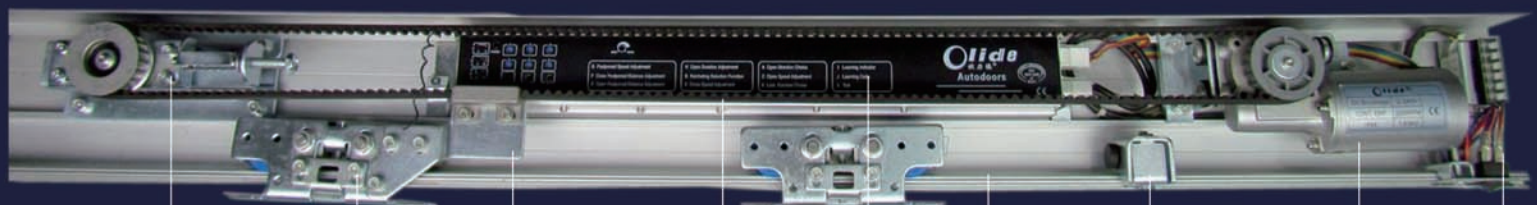
◆ Specifications

Model	SD190	
Sliding	Single-leaf door	Double-leaf door
Door leaf weight	150kg*1	150kg*2
Door width	700~1500mm	700~1300mm
Open rate	100~550mm/s (Adjustable)	
Opening hours	1~20 Seconds	
Motor	DC24V Brushless DC Servo Motor	
Reducer	Worm as a whole sealed structure	
Supply voltage	Input AC180-250V; 50-60Hz	
Ambient temperature	-20~50°C	
Power failure back-up system	Select Accessories: DC24V7A*2 Batter	
Adaptive Access Control System	Select Accessories: credit card machines, induction card machines, remote control motor locks, access control network hosts	
Optional accessories	Select Accessories: Security light, Remote hand-voltage switchgear	

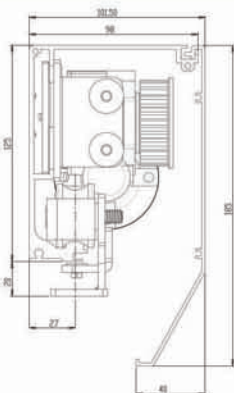
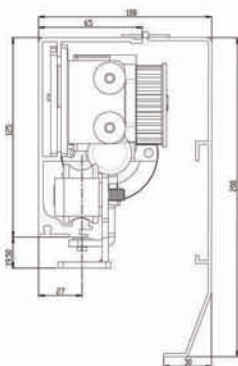
SD150-B



SD150-A



tension wheel device hange device belt fastening device belt control device beam stopper motor device connection terminal



◆ Specifications

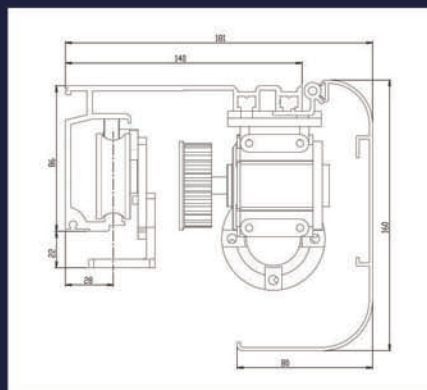
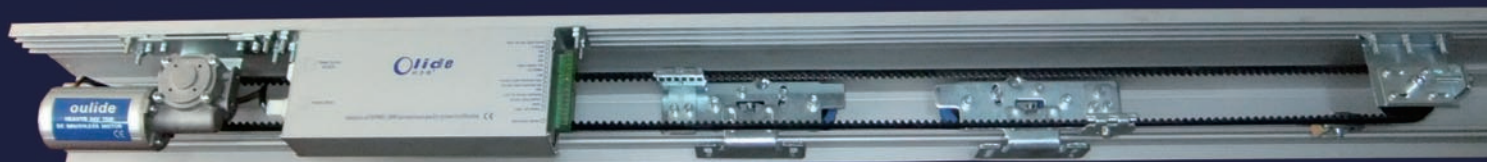
Model	SD150	
Sliding	Single-leaf door	Double-leaf door
Door leaf weight	150kg*1	150kg*2
Door width	700~1500mm	700~1300mm
Open rate	100~550mm/s (Adjustable)	
Opening hours	1~20 Seconds	
Motor	DC24V Brushless DC Servo Motor	
Reducer	Worm as a whole sealed structure	
Supply voltage	Input AC180-250V;50-60Hz	
Ambient temperature	-20~50°C	
Power failure back-up system	Select Accessories: DC24V7A*2 Batter	
Adaptive Access Control System	Select Accessories: credit card machines, induction card machines, remote control motor locks, access control network hosts	
Optional accessories	Select Accessories: Security light, Remote hand-voltage switchgear	



Motor

HEAVY DUTY

SD280



Motor



Control device



hanger device

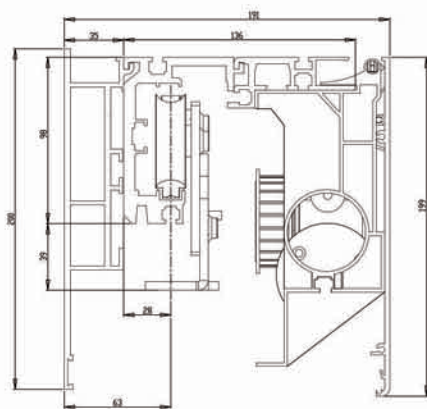


◆ Specifications

Model	SD280	
Sliding	Single-leaf door	Double-leaf door
Door leaf weight	180kg*1	150kg*2
Door width	700~1500mm	700~1300mm
Open rate	10~100mm/s (Adjustable)	
Opening hours	0-10seconds	
Motor	DC24V Brushless DC Servo Motor	
Reducer	Worm as a whole sealed structure	
Supply voltage	Input AC180-250V/50-60Hz	
Ambient temperature	-20~50°C	
Power failure back-up system	Select Accessories: DC24V7A*2 Batter	
Adaptive Access Control System	Select Accessories: credit card machines, induction card machines, remote control motor locks, access control network hosts	
Optional accessories	Select Accessories: Security light, Remote hand-voltage switchgear	

HEAVY DUTY

STM20-200



◆ Specifications

Model	STM20-200	
Sliding	Single-leaf door	Double-leaf door
Door leaf weight	250kg*1	250kg*2
Door width	700~1500mm	700~1300mm
Open rate	10~100mm/s (Adjustable)	
Opening hours	0-10seconds	
Motor	DC24V Brushless DC Servo Motor	
Reducer	Worm as a whole sealed structure	
Supply voltage	Input AC180-250V;50-60Hz	
Ambient temperature	-20~50°C	
Power failure back-up system	Select Accessories: DC24V7A*2 Batter	
Adaptive Access Control System	Select Accessories: credit card machines, induction card machines, remote control motor locks, access control network hosts	
Optional accessories	Select Accessories: Security light, Remote hand-voltage switchgear	

Passed 2 million times durable tests



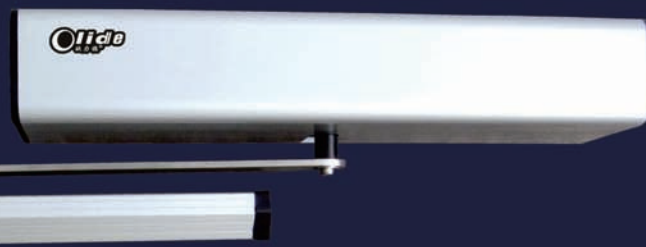
SD2108 external



SD3108 external



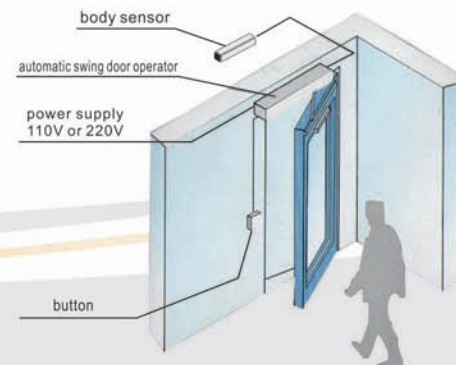
SD2016 internal, one way open
SD2008 internal, two way open



Products parameters (passed CE certificate)

Parameter model	External SD3108	External SD2108	Internal SD2016	Internal SD2008
Applicable to	Glass door, wooden door, ect., all material doors. One way open.	Glass door, wooden door, ect., all material doors. One way open.	Glass door, wooden door, ect., all material doors. One way open.	Glass door, wooden door, ect., all material doors. One way open.
Door width	1000mm	1200mm	1000mm	1000mm
Door weight	120kgs	120kgs	100kgs	100kgs
Opening speed	3-8S Adjustable	3-8S Adjustable	3-8S Adjustable	3-8S Adjustable
Closing speed	3-8S Adjustable	3-8S Adjustable	3-8S Adjustable	3-8S Adjustable
Opening retention time	0-120S Adjustable	0-120S Adjustable	0-120S Adjustable	0-120S Adjustable
working procedure	Opening signal-unlocking-open door-brake-keeping time-close door automatically-buffer lock door	Opening signal-unlocking-open door-brake-keeping time-close door automatically-buffer lock door	Opening signal-unlocking-open door-brake-keeping time-close door automatically-buffer lock door	Opening signal-unlocking-open door-brake-keeping time-close door automatically-buffer lock door
Opening angle	70-150 degree	70-150 degree	70-150 degree	70-150 degree
An automatic over-current protection	Have	Have	Have	Have
Intelligent encountered obstacles protection	Have	Have	Have	Have
Intelligent over-temperature protection	Have	Have	Have	Have
Close buffering function	Adjustable	Adjustable	Adjustable	Adjustable

Parameter model	External SD3108	External SD2108	Internal SD2016	Internal SD2008
Remote control function	Wireless remote control password to open the door, remote control to open the door, remote control to close and prohibit to open door	Wireless remote control password to open the door, remote control to open the door, remote control to close and prohibit to open door	Wireless remote control password to open the door, remote control to open the door, remote control to close and prohibit to open door	Wireless remote control password to open the door, remote control to open the door, remote control to close and prohibit to open door
Control the electric lock function	Have	Have	Have	Have
Input power static/max	5W/50W	6W/50W	6W/50W	6W/50W
Static Buffer speed	Adjustable	Adjustable	Adjustable	Adjustable
Closing buffer speed	Adjustable	Adjustable	Adjustable	Adjustable
Opening buffer distance	Adjustable	Adjustable	Adjustable	Adjustable
Drive	Brushless DC Motor, three year warranty			
Closing buffer distance	Adjustable	Adjustable	Adjustable	Adjustable
Opening brake force	Adjustable	Adjustable	Adjustable	Adjustable
Closing brake force	Adjustable	Adjustable	Adjustable	Adjustable
Locking force	Adjustable	Adjustable	Adjustable	Adjustable
Power source	AC220, DC12V			



Technical data:

SD370

1. Motor power: 370W
2. Power supply: AC220V/50Hz. AC110V/60Hz.
3. Motor rotational speed: 1400R/min
4. Out rotational speed: 46R/min
5. Working temperature: -30 to 60°C.
6. Thermal protection temperature is 110°C.
7. Max weight of gate: 800KGS
8. Limit: spring/magnetic



SD550

1. Motor power: 550W
2. Power supply: AC220V/50Hz. AC110V/60Hz.
3. Motor rotational speed: 1400R / min
4. Out rotational speed: 46R/min
5. Working temperature: -30 to 60°C.
6. Thermal protection temperature is 110°C.
7. Max weight of gate: 1200KGS
8. Limit: spring/magnetic



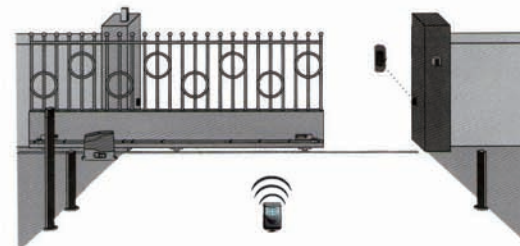
SD750

1. Motor power: 750W
2. Power supply: AC220V/50Hz. AC110V/60Hz.
3. Motor rotational speed: 1400R / min
4. Out rotational speed: 46R/min
5. Working temperature: -30 to 60°C.
6. Thermal protection temperature is 110°C.
7. Max weight of gate: 1600KGS
8. Limit: spring/magnetic



Main function:

- Low heating, slide running, safety, protect from water and burst.
- With the temperature protect device, auto cut off the power when over temperature
- Open the manual release when the power cut off, convenient for using.
- Magnet limit switch, make sure the gate moving in max place, operation reliability.



Spare parts



Control board-Double sides



Rack

Arm type:SD1108



Swing gate operator Material: stainless steel and aluminum alloys Applicable to: stainless steel gate, aluminum alloys gate, wood gate, iron gate, ect. It can be single gate or double gate. Open direction: inward or outward Specification: DC24V motor, with current protection function. With manual release function. It is easy to work with solar panel.

Technical data

- 1.Motor power: 24VDC 40W X 2
- 2.Current: 2A
- 3.Rotational speed:1800PM
- 4.Rod's running speed:1.4cm/s
- 5.Max travel:310mm
- 6.Working temperature:-30 to 60°C.
- 7.Max weight of gate:300KGS X 2
- 8.Max length of gate:3 Meters
- 9.Protection Class: IP44



Controller



Wheel type:SD180



Technical data

- 1.Motor power: 24VDC 50W X 2
- 2.Current: 2A
- 3.Rotational speed:1800PM
- 4.Rod's running speed:1.4cm/s
- 5.Max travel:310mm
- 6.Working temperature:-30 to 60°C.
- 7.Max weight of gate:500KGS X 2
- 8.Max length of gate:5 Meters
- 9.Protection Class: IP44



SD-180

Sliding medical door

Apply to hospital surgery room, Pharmaceutical factory, electronic factory. ect.

Door type:

Automatic sliding door, automatic swing door, manual sliding door, manual swing door.

Features:

Seal, airproof, fireproof, anti-radiation.

For automatic sliding door, the rail adopts V-structure and a special groove, Which will makethe door sink for 5 mm, which is more seal.

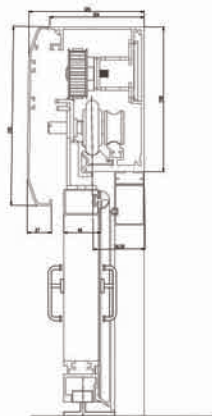
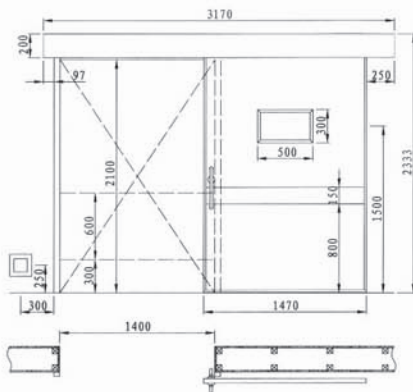
Four sides of the door will be enveloped by rubber, which make the door more seal.

It can be opened by foot sensor switch or hand sensor switch.

It works with safety eyes, which make it safer for users.



Swing medical door



Technical data

Door configuration: single leaf

Door leaf width: $\leq 150\text{kgs}$

Clean open width: $2000(\text{W}) \times 2500 (\text{H})$

Power voltage: AC $220\text{V} \pm 10\%$, 50-60 Hz

AC $220\text{V} \pm 10\%$, 50-60 Hz

Power consumption: $< 100\text{W}$

Opening speed: $200\text{-}500\text{mm/S}$ (adjustable)

Closing speed: $200\text{-}500\text{mm/S}$ (adjustable)

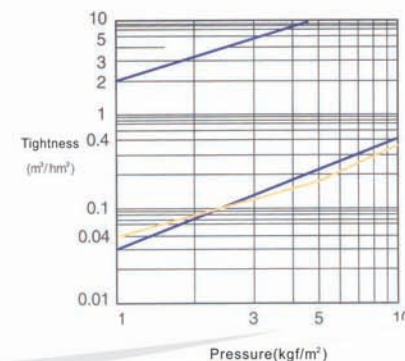
Hold-open time: $1\text{-}9\text{S}$ ((adjustable)

Manual push: $< 100\text{N}$

Opening control: foot sensor /hand sensr

Closing control : Auto /Manual

Air- tightness performance



Product features:

Apply to top, middle, down window, fall outside window, pour inside window, the casement Windows, skylight, etc. Various kinds of window.

Single chain automatic window opener



Technical features:

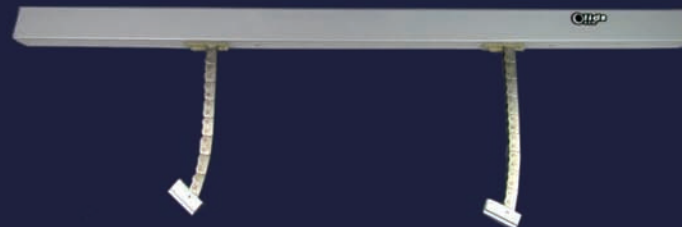
Easy, elegant appearance design, overload protection, low noise design.
Use double deck metal chain piece of design, operation more stable and smooth.
Suitable for open window type of chain, stainless steel chain.
A variety of thrust, pushing course to choose from, more than 12000 times exit and back to the test.
The biggest push pull: 600-1200 N, stationary state lock of tension: 2000 N



Electric single chain window opener technical parameters

Electric chain window opener	Unit	Technical parameters	Technical parameters
Specification	/	CSD-300	CSD-500
Push/Pull	N	400	600
Environment temperature	°C	-10~+67	-10~+70
Promote speed	mm/sec	8	7
Working Voltage	V	24VDC	24VDC
Maximum current	A	1.0	1.5
Protection grade	IP	42	42
Travel distance	mm	300	500
Shell material	/	High quality aluminum alloy	High quality aluminum alloy

Double chain automatic window opener



Screw type automatic window opener



Electric single chain window opener technical parameters

Electric chain window opener	Unit	Technical parameters	Technical parameters
Specification	/	CSD-600	CSD-800
Push/Pull	N	800	1000
Environment temperature	°C	-10~+67	-10~+70
Promote speed	mm/sec	8	7
Working Voltage	V	24VDC	24VDC
Maximum current	A	1.0	1.5
Protection grade	IP	42	42
Travel distance	mm	300	500
Shell material	/	High quality aluminum alloy	High quality aluminum alloy

Features:

- *Adopt German high tech, passed CE and ISO 9001-2008. Using brushless DC Motor.
- *Intelligent control system with variable adjustable parameters.
- *Drive equipment with low noise, easy installation.
- *Advanced DC brushless motor and worm wheel reducer are integrated, with lower consumption, energy saving, high efficiency, great torque and long life.
- *The door can be opened or closed or half opened by remote control, password swipe card reader, microwave sensor, body sensor, switch button.
- *The door can be opened or closed all the time.
- *The control device will be alarmed when someone force to open the door.
- *The control device can be locked without any additional components. And the magnetic lock can be installed, make more secure.
- *Safety beam protects the guest from bumping the door, safety and reliable.
- *Optional backup battery can ensure the normal operation when the power failure.
- *The drive unit easily fits into the architecture of the building
- *Low noise design (<40db)



Technical Data

Door body style	Pair of open-type
Model	SD 500
Door leaf weight	150kg x 2
Door Width	Input : AC180-250V ; 50-60Hz
Voltage	700-1200 mm
Door speed	100-550mm/s (Adjustable)
Closing speed	100-550mm/s (Adjustable)
Slowing speed	50-100mm/s (Adjustable)
Power	8-9sec (Adjustable)
Closed for the F	78N < F < 200N
Manual Thrust	< 100N
Backdoor assembly	< 150mm
Operating Temperature	-20°C ~ +50°C -25 Degree ~ +50 Degree
Power Backup system	Optional : DC24V7AH2 Battery
Adaptive Access Control System	Select Accessories: credit card machines, induction card machines, remote control reader locks, access control network reader
Other optional accessories	Select Accessories: security light, remote control hand-voltage switches

Semi-auto sliding door operator



Technical features:

Max width of door entrance: 2000mm
Open model: single open, double open
Anti-clamp, always open, and close automatically.
Apply to: home door, school, washing room, small shop, etc.

Telescopic sliding door operator

Technical data:

Door configuration: two leaves, four leaves
Door leaf width: ≤ 2 X 150kg / ≤ 4 X 100kg
Clean open width: 1200mm-2700mm, 2200-3900mm
Power voltage: AC 220V ± 10%, 50-60 Hz
AC 220V ± 10%, 50-60 Hz
Power consumption: 100W
Opening speed: 300-500mm/S (adjustable)
Closing speed: 200-500mm/S (adjustable)
Hold-open time: 1-10S (adjustable)
Closed force F: > 100N
Manual push: < 100N
Working environment temperature: -20 to 50°C



Product characteristics

Luxury automatic revolving door is automatic door profession midhigh product , Have combined revolving door and the flat function that moves door , User may select difference according to the demand of difference through function display open way , The extensive appropriate on to wineshop full-length, Commercial guild hall, office building waits for the exit and entrance of high grade public place.

Door body structure

The high-strength die-casting die material of aluminium alloy and the stainless steel of exterior trim , Fluorine carbon spray, copper coin or the oxidize of positive pole
Ceiling is from aluminum board or the composition of stainless steel , deploy Tibetan type smallpox dome light
Canopy top does dustproof handling, door leaf brush frame assemble and the root of fangfeng airtight
Adopt plain plate, Arcual safety Glass and Hot curved Glass and Insert the glass of glue

Control system

Digitlization intelligence touches display, Simple operation
Control systematic main equipment is to set import , operation is steady, The noise is low
Have defence to touch, anticollision guards against clipping to wait for safe detection function , Emergency stop Function, disability person is fast function slower
Have to mention fast regulation function automatically, stop positioning automatically function , fire-fighting, power cut automatic whirl function

Standard configuration



Revolving door motor

Size for 2-Wing Revolving Door

Inner Dia D	External Dia E	Entrance/exit width	Sliding door clear width F	Cornice height B	Passage height A
3000mm	3220mm	380mm	1330mm	340mm	2200mm
3200mm	3420mm	1480mm	1430mm	340mm	2200mm
3600mm	3820mm	1680mm	1630mm	340mm	2200mm
4200mm	4420mm	1980mm	1930mm	340mm	2200mm
4800mm	5020mm	2280mm	2230mm	340mm	2200mm

Size for 3/4-Wing Revolving Door

Inner Dia	External Dia	Passage width (2-3wing)	Passage width (4-wing)	Cornice height	Passage height
1600mm	1730mm	700mm	1055mm	300mm	2200mm
1800mm	1930mm	800mm	1195mm	300mm	2200mm
2000mm	2130mm	900mm	1335mm	300mm	2200mm
2200mm	2330mm	1000mm	1475mm	300mm	2200mm
2600mm	2730mm	1200mm	1755mm	300mm	2200mm
2800mm	2930mm	1300mm	1895mm	300mm	2200mm
3000mm	3130mm	1400mm	2035mm	300mm	2200mm
3200mm	3330mm	1500mm	2175mm	300mm	2200mm
3600mm	3730mm	1700mm	2455mm	300mm	2200mm
3800mm	3930mm	1800mm	2595mm	300mm	2200mm

Revolving doors with special sizes can be booked in advance.



Optional Accessories



● CSD01 Microwave Sensor



● CSD02 Microwave Sensor



● CSD03 Microwave Sensor



● CSD04 Microwave Sensor



● CSD17 Finger Printer



● CSD18 Bank Swipe Card Machine



● CSD19 Inductive Cards



● CSD20 Key switch



● CSD05 Microwave Sensor



● CSD06 Microwave Sensor



● CSD07 Microwave Sensor



● CSD08 Body Sensor



● CSD21 Safety Beam



● CSD22 Magnetic Lock



● CSD23 Magnetic Lock



● CSD24 Electric Insert Lock



● CSD09 Touch Sensor



● CSD10 Touch Sensor



● CSD11 Stainless Push Button



● CSD12 Touch Sensor



● CSD25 Connection Slice



● CSD26 Glass Hanger



● CSD27 Glass Hanger



● CSD28 Glass Hanger



● CSD13 Five Key Programs



● CSD14 Metal Swipe Cards Machine



● CSD15 Swipe Cards Machine



● CSD16 Push Button



● CSD029 Back up Battery



● CSD30 Land Axle



● CSD31 Adjustable Land Wheel



● CSD32 Photo Beam